

Date: Thu, 13 Oct 94 04:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1118
To: Info-Hams

Info-Hams Digest Thu, 13 Oct 94 Volume 94 : Issue 1118

Today's Topics:

 "How far" does 1 milliwatt (and 1 watt) go?
 ARRL And Gay Hams Settle Complaint and MORE
 BBS in OTTAWA
 Callsign/address databases-privacy issue
 Hong Kong
 IPS Daily Report - 12 October 94
 keplerian elements
 WTB: Radar gun...

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 13 Oct 1994 08:54:36 GMT
From: dstock@hpqmdla.sqf.hp.com (David Stockton)
Subject: "How far" does 1 milliwatt (and 1 watt) go?

brettb@cruzio.com wrote:

: Now when someone actually picks up ETI, that will probably set a few
: interesting records. ;@} And who said microwave wasn't good for DX? ;@}

 Yeah, but the contact won't be good for anything until the cards
arrive !

 How big an envelope will be needed to get the right number of green

stamps to fit in ?

Cheers

David GM4ZNX

Date: 13 Oct 94 17:36:00 GMT
From: pve@dg13.cec.BE (VEKINIS Peter)
Subject: ARRL And Gay Hams Settle Complaint and MORE

On Wed, 12 Oct 1994 15:38:45 +0000
Mike@g4kfk.demon.co.uk (Mike Gathergood), replied on the
subject: ARRL And Gay Hams Settle Complaint and said

"On my licence is says something about the licence being granted for the purposes of self-training in Radio Communications. There ain't nothing about running 'Lonely Hearts' clubs (of either sexual persuasion)."

I would have hoped that most civilised people would realize that the days of technical aficionados, you know the ones that say "talk to you on 600 ohms" instead of "call you on the phone" are long gone.

Amateur Radio is a method of radio communications intended for communications training, experimentation, international goodwill and anything else that is not a business. In the US, Canada, Australia and other places, Amateur Radio has a high profile because it is a public service. Radio hams can help people in need, pass messages without wondering who may be listening, call the police or ambulances when the need arises, pass on messages on behalf of third parties and soon. In the UK, and most of Europe, thats pretty much out of the picture because it is not allowed. Even the UK license says "license granted for the purposes of self-training in Radio Communications." Why is it just that?

Why does it not say that you can participate in public events, perform public service, help an old lady call her sister somewhere else, call home from a mobile when late so your kid knows nothing happened to you, and so on? Why are such actions seen as cutting-into the profits of the telecommunications companies? Has anyone ever done any research into the subject of what it would happen if traffic was allowed? Doesnt the UK realize how much it would help if this was done. Just thinkof the increase in the profile. After all the UK leads Europe in liberalizing communications?

To change things you need to take action. You need to 1/realize why there must be change, 2/why it would be much better with change and 3/take action to change it.

Even the third party traffic with special events stations (currently allowed in the UK), came as a result of the Falklands war (so that residents of the Falklands could talk to their folks back home) not exactly a peacetime public service.

So, before anyone takes a snipe at the US amateur radio system, which is the freer and the most flexible in terms of public service in the world, think about what you could do to help your country match it. The RSGB has the power and members to make changes, but if the people at the top don't understand what the point is, then you might as well forget it.

Peter Vekinis, KC1QF/ON9CGV

PS: No I am not a US Citizen, but I know a good thing when I see one.
pve@icom.com

Date: 13 Oct 94 10:15:09 GMT
From: wimn@hpuamsc.NETH.hp.COM (Wim Nijntjes)
Subject: BBS in OTTAWA

Who can give me a list of Packet-Radio BBS's in OTTAWA Canada complete with their QTH locator and addresses.

Where can I find the Canadian Callbook?
It is available on CD-ROM maybe?

Wim
PE1NTW@PAORYS.#NH1.NLD.EU

Date: Thu, 13 Oct 1994 04:18:55 GMT
From: sww@csuohio.edu (Steve Wolf)
Subject: Callsign/address databases-privacy issue

The FCC database is a public record.
Anyone can access public records.

73,
Steve
N08M@N08M.#NEOH.OH.USA.NA
no8m@hamnet.wariat.org

Date: 13 Oct 1994 02:56:31 GMT

From: bobw@col.hp.com (Bob Witte)
Subject: Hong Kong

Jim Lill (jp11@vectorbd.com) wrote:

: Make sure you have any idea of what a good price is before you buy. Make
: sure you get a unit in a box with ALL the accessories.

Make sure you buy a unit that is configured for your part of the world
(tuning steps, offsets, frequency range, etc.)

Bob Witte / bobw@col.hp.com / Hewlett Packard / PMO / KB0CY / (719) 590-3230

Date: Wed, 12 Oct 1994 23:47:24 GMT
From: rwc@flare.syd.ips.oz.au (Regional Warning Centre)
Subject: IPS Daily Report - 12 October 94

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 12/2330Z OCTOBER 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 12 OCTOBER AND FORECAST FOR 13 OCTOBER - 15 OCTOBER

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 88/32

GOES satellite data for 11 Oct

Daily Proton Fluence >1 MeV: 1.2E+06
Daily Proton Fluence >10 MeV: 1.2E+04
Daily Electron Fluence >2 MeV: 2.0E+08 (moderate)
X-ray background: B1.4

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	13 Oct	14 Oct	15 Oct
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 13 Oct: 90/34

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled, with active

period 18-21UT.

Estimated Indices :	A	K	Observed A Index 11 Oct
Learmonth	10	2322 2242	
Fredericksburg	12		21
Planetary	14		21

Observed Kp for 11 Oct: 3455 4332

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
13 Oct	15	Mostly quiet to unsettled, with possible active to minor storm periods.
14 Oct	15	Mostly quiet to unsettled, with possible active to minor storm periods.
15 Oct	12	Quiet to unsettled

COMMENT: IPS Geomagnetic Warning 6 was issued on 11 October and is current for interval 12-14 October. Active to minor storm periods possible during local night on 13-14 October due to small coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
12 Oct	normal	fair-normal	fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
13 Oct	normal-fair	fair	poor-fair
14 Oct	normal	fair	poor-fair
15 Oct	normal	fair	fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
12 Oct	-20	depressed 15-30%, with strong spread F observed during local night.

Predicted Monthly T-index for October: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
13 Oct	-20	15 to 30% below predicted monthly values
14 Oct	-15	About 20% below predicted monthly values
15 Oct	-15	About 20% below predicted monthly values

COMMENT: IPS HF Communications Warning 5 was issued on 11 October and is current for interval 12-14 October. Due to the apparent strong ionospheric response to any geomagnetic activity, fair to poor HF conditions are now expected over the next 3-4 days is expected due to a coronal hole.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: 13 Oct 94 08:43:02 GMT
From: s2902081@techst02.technion.ac.il (Assi Ben-Shalom)
Subject: keplerian elements

Hi,
Does anyone know which NASA anonymous ftp site holds keplerian elements of all satellites ?
thanks Assi

Assi Ben-Shalom 4Z7ABA
Electrical-Engineering student at Technion Institute of Technology
Amprnet: 4z7aba@4z7aba.ampr.org
4z7aba@haifa.ampr.org
Internet: s2902081@techst02.technion.ac.il
Packet: 4z7aba@4x4hf.isr.mdle
Microsats: 4x4ht @U0-22,K0-23,K0-25

Date: Thu, 13 Oct 1994 03:55:19 GMT
From: jnormandin@umassd.edu (JERRY NORMANDIN)
Subject: WTB: Radar gun...

In article <19940ct10.120820.26484@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <19940ct10.075613.7018@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>>jnormandin@umassd.edu (JERRY NORMANDIN) writes:

>>

>>: I suggest you read up on bio physics!

>>: all matter, including our cell structure is bipolar.
>>
>>What does this mean?
>
>It means cells are affected by electric fields, same way a bar magnet
>will align with an external magnetic field. It's the principle behind
>electrophoresis. During cell division, while the nucleus is splitting,
>the cell is particularly vulnerable to electric fields. As far as I
>know, magnetic fields aren't implicated in this at all.
>
>>: that's why gravity has an effect on our body
>
>Of course this is nonsense.
>
>>: It's been found that if the magnetic field gets stimulated
>>: while our cells divide.... well the DNA code can get mangled
>>: the cell forms a mass.. it forgets to die after it split 50 times
>>
>>What magnetic field? Is there a counter in each cell that tells it
>>how many times it divides? I understood was that the DNA caused it
>>to split frequently, instead of at the normal rate.
>
>Apparently there *is* a form of counter in the cell. Cell death is
>programmed in, otherwise we'd all live forever. What exactly that
>mechanism is, is still under intense research. We do know that
>cancer cells don't have it, and so proliferate indefinitely. Some
>cancer tissues have been kept alive in vitro for decades with no
>signs of aging.
>
>>: I don't know about you but I wouldn't want a 250Watt RADAR sitting on my lap
>>: and yep that's how some cops used it for speed!
>>
>>How did they do this? All the ones I have seen had the transmitter in the
>>head - which was aimed at the automobile. Kind of hard to do that if you
>>are holding it in your lap. The readout unit may have been held in their
>>laps, however - and they may have contained a high voltage power supply.
>
>Well, obviously, the handheld radar guns used by police are *not* 250 watts.
>They are in fact in the range of 10 *milliwatts* to 25 *milliwatts*.
>However, cops are in the habit of resting the guns in their laps when they
>aren't actively clocking a vehicle, and they *don't* turn them off* for the
>entire shift. So they get a good near field dose to the testicles. Testicular
>cancer rates are higher among police who do traffic patrol. Figure what the
>power density is right at the mouth of a 17 db standard horn and you'll see
>the levels they are getting are above ANSI limits. This is also why you should
>never look into the antenna of a microwave transmitter, no matter if it is
>very low power. The ERP can still be above safety limits at very close range.
>

>Gary

>--

>Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems		we break it.		emory!kd4nc!ke4zv!gary
>534 Shannon Way		Guaranteed!		gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244				

SO YOU BACK ME UP ON THE DANGER OF CELL F L I P PHONES!!

ALSO I thought the radar used in metropolitan areas were at least 25 WATT.

Also check out the weak field theory. I believe gravity is caused by this.

Date: 13 Oct 94 02:04:56 CDT

From: tinamou@vega.cray.com (Doug Nicholson)

References<001302Z11101994@anon.penet.fi> <37e67t\$nj1@news.duke.edu> ,

<781976325snz@g4kfk.demon.co.uk>

Subject: Re: ARRL And Gay Hams Settle Complaint

Mike Gathergood (Mike@g4kfk.demon.co.uk) wrote:

: On my licence is says something about the licence being granted for the
: purposes of self-training in Radio Communications. There ain't nothing
: about running 'Lonely Hearts' clubs (of either sexual persuasion).

It's hardly a 'Lonely Hearts' club. The following post makes it clear
just how unwelcome some people can be.

J.D. Cronin (jdc3538@ulthb.isc.rit.edu) wrote:

: Anonymous posting... Must be a NAMBLA member or even worse...
: Yes friends, sodomy is now a protected right. Or is it an opportunity?
: Sounds like the ARRL bent over and grabbed their collective ankles.
: Was a suitable lubricant used?
: 73...Jim N2VNO

The LARC exists for the same reasons any other ARC exists. The
difference is that it isn't populated with the boorishly heterosexual
males that seem to abound among your ranks.

Doug Nicholson
tinamou@cray.com

Date: Thu, 13 Oct 1994 06:07:34 +0000

From: tgold@microvst.demon.co.uk ("Anthony R. Gold")

References<1994Oct10.075613.7018@hpcvaac.cv.hp.com>
<finster.337.2E9A1FBC@zeus.fasttax.com>, <37fc5i\$sb0@news.it.gvsu.edu>
Reply-To: tgold@microvst.demon.co.uk
Subject: Re: WTB: Radar gun...

In article <37fc5i\$sb0@news.it.gvsu.edu>
hutchine@river.it.gvsu.edu "E.Hutchinson-N8XHP" writes:

>
> Well Dave...I just recieved a brochure from K-40 electronics division
> and they have come out with a little device that is retrofitted in a
> license plate...they say if you get a ticket by laser then they will
> send you a check for DOUBLE the amount...they also state that it is
> 100% legal in all 50 states...and sugg. retail price is \$199.99, kinda
> sounds neat-o to get on and figure out how it does it...
>

With K-40 pay the medical expenses for you, and those around you?

--
Tony, G3SKR & AA2PM

End of Info-Hams Digest V94 #1118
